

Certificate of Analysis

Date of Testing: 2023-02-07 12:46:46
Date of Next Testing: 2027-02-06 12:46:46
Product Name: **BES**
CAS Number: 10191-18-1
Specifications & Purity: $\geq 99\%$ (T)
Lot #: B2302307
SKU #: **B105115**
Analysis: **184375**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|---|---|
| Water by Karl Fischer | 0-1 (%) | 0.24 % |
| UV Absorbance 290nm(33%,H2O) | 0-0.05 | 0.05 |
| UV Absorbance(1mol/L,H2O,260nm) | 0-0.15 | 0.14 |
| Purity(Neutralization titration) | 99-101 (%) | 99.61 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 3.27 ppm |
| Appearance (B105115) | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility,Colorless,Clear,25 g plus 50 ml H2O | pass | Pass |



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QA & QC Manager